

**ENDANGERED SPECIES OBSERVER PROGRAM**  
Dredge RN Weeks, Charlotte Harbor, FL  
MERMENTAU USACE, Jacksonville District

**DAILY REPORT**

Date: 10 / 29 / 98 Loads: 70-79 Mermentau, 01 RN Weeks

Area(s) Worked: Stations 30+00-60+00, 0+00-100+00

Weather Conditions: Skies clear, Winds NE 10 knots, Seas 1'-2'

Range of H<sub>2</sub>O Temperature: Surface 75°F Below Mid-Depth 75°F

Condition of all screening apparatus: OK

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):       

After load 79 the observers transfer  
over to the RN Weeks dredge. The dredge Mermentau will go  
to anchor until the RN weeks dredge is done digging, that  
should be Sunday. Then the observers will go back to the  
Mermentau until the RN Weeks dredge returns in about three  
weeks.

The dredge RN Weeks is equipped with  
100% inflow and overflow screening. There are four inflow  
cages all screened with a 4"x4" openings. There are two weirs  
at the fore of the hopper that are screened. Both dragheads  
are equipped with the ridged style T.E.D.

One load was dug from the RN Weeks dredge  
today. Coquina rock was sampled today in large quantity.  
Other samples consisted of horseshoe crabs, clearnose  
skates, blue crabs, flounder, spider crabs, whelks, wood  
and trash.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>2</u>	<u>Bottlenose Dolphins</u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Eric Westerman, Robin Phyllis

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 10/30/98 Loads: Ø2 - Ø6  
Area(s) Worked: Charlotte Harbor, FL Sta 0+00 - 100+00, 30+00 - 60+00  
Weather Conditions: Clear skies, light and variable winds, seas light chop  
Range of H<sub>2</sub>O Temperature: Surface 76°F Below Mid-Depth 75°F  
Condition of all screening apparatus: Good; in addition to existing screening rebar was added to dragheads to prevent large pieces of coquina stone from entering.  
Are there incidents involving endangered or protected species? Yes X No     

Comments (type of material being dredged, biological specimens, etc.):  
A loggerhead turtle (~~Caretta caretta~~) was observed wedged into the starboard draghead upon the completion of load #6 at 2350 hrs. The adult sized (>90cm CCL) turtle had the anterior portion of its carapace wedged into a space between the newly constructed rebar grid. Without this grid the animal would have been taken completely into the pipe. No trauma to the carapace or plastron could be observed, however the turtle's left eye sustained a suction-like trauma and was very bloodshot. A crowbar was necessary to remove the turtle. Upon falling to the deck it quickly fled over the side of the boat and dove, appearing mostly unharmed. At this time the vessel was traveling 10Kts en route to the booster. It's not known if the turtle dove quickly enough to avoid the prop-wash and an impact. Material being dredged is sand and coquina stone. Other biological specimens included sea stars, Libinia sp., clearnose skates, flounder, hermit crabs, striped burrfish, batfish, stingrays, horseshoe crabs, sea stars.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>3</u>	<u>&gt;6</u>	<u>observed both in cut and @ booster</u>

Observer(s) On Duty: Eric Westerman, Steve Pete

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 10, 31, 98 Loads: 07-11  
Area(s) Worked: Stations 0+00 - 100 + 00  
Weather Conditions: Clear, light, variable winds, calm seas  
Range of H<sub>2</sub>O Temperature: Surface \_\_\_\_\_ Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):  
Material being dredged remains coquina stone,  
and shell.  
Biological specimens were skates, rays,  
flounder and conch shells

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Steve Pete

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge **Mermentau**, Charlotte Harbor, Florida  
RN Weeks  
USACE Jacksonville District

## WEEKLY SUMMARY

Dates: 10 / 26 / 98 - 11 / 01 / 98 Loads: 53-100 Mermentau 01-11 RN  
 Range of H<sub>2</sub>O Temperature: Surface 73-78<sup>0</sup>F Below Mid-Depth 75-78<sup>0</sup>F Weeks  
 Area(s) Worked: Stations 30+00-60+00, 0+00-100+00

**Are there incidents involving endangered or protected species?** Yes ☒ No ☐

Comments (Attach Daily Reports and Incident Reports as necessary):

On the 29th the dredge RN Weeks came and joined the project for four days. The dredge RN weeks departed Sunday morning and will return in about three weeks to complete the project.

Load six on the RN weeks dredge an incident with a adult loggerhead sea turtle occurred. When the starboard draghead was brought aboard the turtle was wedged in the back of the outboard draghead. No wounds were observed to the carapace or plastron. However the turtles left eye sustained a suction like trauma, the eye was very bloodshot. The anterior portion of the carapace was wedged into the draghead. When the turtle was pried out it fell onto the deck where it quickly scattered over the side before the observer was able to catch it. The turtle appeared unharmed as it swam away.

Samples this week were very different from dredge to dredge. The Mermentau samples were very small in quantity. As the dredge RN weeks samples were overflowing in the inflow boxes. The dredge was digging large quantities of coquina rock.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	7	23	Bottlenose Dolphins

Eric Westerman, Robin Phylky, Steve Pete

Observers On Duty: \_\_\_\_\_

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 2 / 98 Loads: 12-13

Area(s) Worked: \_\_\_\_\_

Weather Conditions: CLEAR SKY, SEAS AND WIND CALM

Range of H<sub>2</sub>O Temperature: Surface 76<sup>OF</sup> Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

KIM POWELL AND MELISSA CRABTREE CAME ABOARD THE RN WEEKS TODAY AT 0835 TO PROVIDE 100%<sup>COVERAGE</sup> OF ENDANGERED SPECIES MONITORING. DIGGING COMMENCED AT 1730 AFTER REPAIRS WERE MADE ON RN WEEKS INCLUDING SOME WELDING OF TWO WEIRS AT THE FORE OF THE HOPPER.

THE DREDGE RN WEEKS IS EQUIPPED WITH 100% INFLOW AND OVERFLOW SCREENING. ALL FOUR INFLOW CAGES ARE SCREENED WITH A 4" by 4" OPENINGS. TWO WEIRS ARE AT THE FORE OF THE HOPPER AND BOTH DRAGHEADS ARE EQUIPPED WITH THE RIGID STYLE T.E.D.

BIOTIC SAMPLES INCLUDE LIGHTNING WELK, EE, HORSESHOE CRABS, STINGRAY. A BIOTIC SAMPLES INCLUDE COQUINA ROCK, WOOD, TRASH, AND SHELL FRAGMENTS.

MATERIAL DREDGED IS A SAND SUBSTRATE.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 3 / 98 Loads: 14-18

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR TO STORMY SKYS, EVENING PRECIPITATION, SSES-8 KNOTS, SEAS 1'

Range of H<sub>2</sub>O Temperature: Surface 76° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

RN WEEKS CONTINUES TO DIG A SUBSTRATE OF FINE, CLEAN SAND.  
ALL SCREENING EQUIPMENT IS IN GOOD WORKING ORDER.

BIOTIC SAMPLES WERE RELATIVELY SMALL BUT CONSISTED OF  
LIVING WHEELK, SHAMEFACE CRAB, FLOUNDER, SEA STAR, SEA CUCUMBER  
SPONGE, TUNICATE, PARLIMENT WORM, HORSESHOE CRAB AND SPECKLED  
CRAB

ABIOTIC SAMPLES INCLUDED WOOD, COQUINA ROCK AND TRASH.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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<u>Tt</u>	<u>1</u>	<u>5</u>	
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Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL

USACE, Jacksonville District

## DAILY REPORT

Date: 12/4/98 Loads: 19-23

Areas Worked: STATION 0-100

Weather Conditions: CLEAR SKYS, WINDS S, SE 5-10 KNOTS, SEAS CALM TO 1/2'

Range of H<sub>2</sub>O Temperature: Surface 78 Below Mid-Depth

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

A LOGGERHEAD SEA TURTLE WAS SIGHTED SURFACING FOR AIR NEAR  
RED BUOY 4 AT 1307. THE ANIMAL APPEARED HEALTHY AND DONE AFTER  
TAKING AIR. IT WAS APPROXIMATELY 300 YARDS FROM THE DREDGE.  
RN WEEKS. KIM POWELL MADE THIS OBSERVATION DURING LOAD 21.

ALL SCREENING EQUIPMENT IS IN GOOD WORKING ORDER.

BIOLOGIC SAMPLES INCLUDE LIGHTNING WHELEK, STINGRAY, HERMIT CRAB,  
PARQUET WORM, HORSESHOE CRAB. ABIOTIC SAMPLES INCLUDE WOOD,  
COQUINA ROCK, MONOFILAMENT LINE, TRASH. LOADS 19 AND 21 HAD  
COPIOUS AMOUNTS OF COQUINA ROCK IN SCREENING WHICH WAS CLEARED OUT  
MANUALLY BY OBSERVER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
CARETTA	1	1	SEE COMMENTS ABOVE
TE	2	1	

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 5 / 98 Loads: 24-27

Area(s) Worked: STATIONS 0-100

Weather Conditions: CLEAR SKYS, WINDS E, SE 5-10 KNOTS, SEAS CALM TO 1'

Range of H<sub>2</sub>O Temperature: Surface 78 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

A LARGE ANIMAL THOUGHT TO BE A WHALE WAS SPOTTED TODAY APPROXIMATELY 900' SOUTH OF DIGGING SITE. THE ANIMAL REMAINED AT THE SURFACE FOR APPROXIMATELY 10 MINUTES. MELISSA CRABTREE ESTIMATED THE SIZE TO BE THAT OF A MEDIUM SIZE WHALE SUCH AS A HUMPBACK BUT NO CLEAR IDENTIFICATION WAS MADE. SIGHTING OCCURED DURING LOAD 26.

BIOITC SAMPLES INCLUDED HORSESHOE CRAB, TUNICATES, BRYOZCAN, SPIDER CRAB, SEA URCHIN AND LIGHTNING WHELK.

ABIOTIC SAMPLES INCLUDED COQUINA ROCK, TRASH AND WOOD.

A FINE SAND WAS SAMPLED TODAY, TYPICAL OF PREVIOUS SAMPLINGS

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>WHALE</u>	<u>1</u>	<u>1</u>	<u>SEE ABOVE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 6 / 98 Loads: 28-30

Area(s) Worked: STATIONS 0-100

Weather Conditions: CLEAR SKYS, SEE WINDS 5-10 KNOTS, SEAS 1'

Range of H<sub>2</sub>O Temperature: Surface 77-78 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

A LOGGERHEAD SEA TURTLE WAS SPOTTED SURFACING AND DIVING INSIDE  
DIGGING AREA NEAR BUOY 7. THE ANIMAL APPEARED IN GOOD HEALTH.

RN WEEKS CONTINUES TO DIG A FINE SAND WITH SOME LOADS (BOXES)  
CONTAINING COQUINA ROCK IN FAIRLY LARGE QUANTITIES. DIGGING WAS  
HALTED FOR SEVERAL HOURS FOR REPAIRS UNRELATED TO THE SCREENING-  
APPARATUS.

BIOLOGIC SAMPLES INCLUDE HORSESHOE CRAB, TUNICATE, FLOUNDER, SPECKLED  
CRAB, AND POLYCHAETE WORM. A BIOLOGIC SAMPLES INCLUDE COQUINA  
ROCK, WOOD AND TRASH.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>CARETTA</u>	<u>1</u>	<u>1</u>	<u>SEE ABOVE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida

USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 12 / 2 / 98 - 12 / 6 / 98 Loads: 12 - 30

Range of H<sub>2</sub>O Temperature: Surface 77-78 Below Mid-Depth \_\_\_\_\_

Area(s) Worked: SITATION 0-100, BOCA GRANDE CHANNEL

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: THE RN WEEKS ARRIVED TO BOCA GRANDE AT 2000 ON DECEMBER 1, 1998 AND BEGAN DIGGING AT 1730 ON DECEMBER 2, 1998. REPAIRS WERE MADE BY WELDING AREAS ON THE TWO WEIRS AT THE FORE OF HOPPER. ALL SCREENING EQUIPMENT IS IN GOOD WORKING ORDER.

THE RN WEEKS IS EQUIPPED WITH 100% INFLOW AND OVERFLOW SCREENING. A 4" by 4" SCREEN IS FOUND ON THE 4 BOXES, TWO WEIRS PROVIDE OVERFLOW SCREENING AT THE FORE OF THE HOPPER. BOTH DRAGHEADS ARE EQUIPPED WITH A RIGID STYLE T.E.D.

NO BREDDING ACTIVITIES INVOLVED ENDANGERED OR PROTECTED SPECIES. TWO LOGGERHEAD SEA TURTLES (CARETTA) WERE SPOTTED SURFACING AND DIVING IN THE CHANNEL ON 12-4-98 AND 12-6-98. BOTTLENOSE DOLPHINS (TURSIOPS) WERE SIGHTED AND AN ANIMAL THOUGHT TO BE A WHALE WAS SIGHTED ON 12-5-98. NO CLEAR IDENTIFICATION WAS MADE BUT THE WHALE WAS OF A SIZE COMPARABLE TO A HUMPBAC.

BIOTIC SAMPLES INCLUDED TUNICATES, HORSESHOE CRABS, STINGRAYS, SPECKLED CRABS, BRYOZOANS, SHAMEFACE CRABS, SPIDER CRABS, PARCHMENT WORMS, LIGHTNING WHELK, SEA CUCUMBER, SEA STARS, SEA URCHINS, AND SPONGE. ABIOTIC SAMPLES INCLUDE COQUINA ROCK, WOOD, TRASH, AND MONOFLAMENT LINE. MATERIAL SAMPLED IS A FINE SAND.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>CARETTA</u>	<u>2</u>	<u>1</u>	
<u>TE</u>	<u>3</u>	<u>1, 1, 5</u>	
<u>WHALE</u>	<u>1</u>	<u>1</u>	<u>UNKNOWN SPECIES</u>

Observers On Duty: KIM POWELL + MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 7 / 98 Loads: 31-34

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR SKYS, WINDS SE 5 KNOTS, SEAS 1'

Range of H<sub>2</sub>O Temperature: Surface 77 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO DIG A FINE SAND SUBSTRATE.

BIONIC SAMPLES INCLUDE SPIDER CRAB, SHAMEFACE CRAB, LIGHTNING WHELK, GIANT HERMIT CRAB AND BRITTLE SEA STAR.

ABIOTIC SAMPLES COQUINA ROCK, WOOD, TRASH.

SCREENING APPARATUS REMAINS IN GOOD ORDER, THE PORT DRAG-HEAD WAS INOPERABLE DURING LOAD 34

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>0</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 8 / 98 Loads: 35 - 39

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR SKYS, S SE WIND 5-8 KNOTS, SEAS 1'

Range of H<sub>2</sub>O Temperature: Surface \* 74 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

THE RN WEEKS CONTINUES TO DIG A FINE SAND SUBSTRATE. MOST LOADS TODAY HAD RELATIVELY LITTLE COQUINA ROCK AND DEBR LEFT IN THE SCREENING APPARATUS. ALL EQUIPMENT WAS INSPECTED WITH APPROVAL BY THE CORE TODAY.

BIOTIC SAMPLES INCLUDE LIGHTNING WHELK, CLEARNOSE RAY, SEA STAR, SAND DOLLAR, A JUVENILE NURSE SHARK AND HORSESHOE CRAB.

ABIOTIC SAMPLES INCLUDE COQUINA ROCK, SHELL FRAGMENTS, WOOD, AND TRASH.

\* WE NOW HAVE A THERMOMETER ON BOARD TO TAKE AN ACCURATE <sup>READING</sup> AT THE DIGGING SITE. ON PREVIOUS REPORTS, WE WERE BASING TEMPERATURE ON REPORTS TAKEN FROM CAPTIVA BUOY ON THE WEATHER RADIO.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERD SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 19 198 Loads: 40-43  
Area(s) Worked: STATION 0-100  
Weather Conditions: CLEAR SKYS, SEAS CALM TO 1/2', WINDS CALM TO 5 KNOTS SE  
Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

WITH THE EXCEPTION OF LOAD 42, BIOTIC AND ABIOTIC SAMPLES  
REMAINING IN THE SCREENS TODAY WERE LIGHT. BIOTIC SAMPLES  
INCLUDE HORSE SHOE CRABS, STINGRAYS AND LIGHTNING WITELKS.  
ABIOTIC SAMPLES INCLUDE COQUINA ROCK, WOOD AND TRASH.

A FINE SAND SUBSTRATE IS BEING SAMPLED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>1-1500</u>	<u>4</u>	<u>26°42 372W 82° 16 840 W</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 10 / 98 Loads: 44-47  
Area(s) Worked: STATION 0-100  
Weather Conditions: CLEAR TO PARTLY CLOUDY, E SHIFTING TO NE WINDS 5-25 KNOTS, SEAS 1  
Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

RN WEEKS CONTINUES TO DIG A SUBSTRATE CONSISTING OF FINE SAND.  
ALL SCREENING APPARATUS REMAINS IN GOOD CONDITION.

COQUINA ROCK WAS IN RELATIVELY SMALL QUANTITIES IN THE SCREENS  
TODAY. OTHER ABIOTIC MATERIALS INCLUDE WOOD TRASH AND SHELL  
FRAGMENTS.

BIOTIC MATERIALS INCLUDE LIGHTNING WHELKS, SPECKLED CRABS,  
STINGRAY, POLYCHAETE WORMS, AND FLOUNDER.

ONE LOGGERHEAD SEA TURTLE WAS SEEN SURFACING OUTSIDE GREEN  
BUOY 7 AT 1300.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>CARETTA</u>	<u>1</u>	<u>1</u>	<u>OUTSIDE BUOY GREEN - 7 @ 1300</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 11 / 98 Loads: 48-51

Area(s) Worked: STATION 0-100

Weather Conditions: PARTLY CLOUDY TO RAINY CONDITIONS, NEW WINDS 15-25 KNOTS, SEAS 1-2'

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

RN WEEKS CONTINUES DIGGING GOOD CLEAN SUBSTRATE. THE CORE HAS ASKED THE OBSERVERS TO NOW DISPOSE OF COQUINA ROCK OVERBOARD RATHER THAN IN THE HOPPER. THERE WAS RELATIVELY LITTLE ROCK, SHELL AND TRASH REMAINING IN SCREENING.

BIOTIC SAMPLES INCLUDE CLEARNOSE SKATE, TWILATES, SPONGE AND PARCHEMENT WORMS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>			

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 12 / 98 Loads: 52-56

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR TO CLOUDY SKYS, SE WINDS 10-20 KNOTS

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO DIG A FINE SAND WITH SOME LOADS  
CONTAINING LARGE AMOUNTS OF ROCK REMAINING IN SCREENING.  
OTHER ABIOTIC MATERIALS INCLUDE WOOD, TRASH AND SHELL FRAGMENTS.

BIOTIC SAMPLES INCLUDE CLEARNOSE SKATE, SPECKLED CRAB, HORSE-  
SHOE CRAB BONNETHEAD SHARK, TUNICATE. AN OLD PIECE OF TURTLE  
BONE COVERED WITH BARNACLES WAS FOUND AND WAS CLEARLY NOT  
FRESH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>1</u>	<u>1</u>	<u>1405 NEAR BEACH DUMP SITE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE.



ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12/13/98 Loads: 57-60

Area(s) Worked: STATION 0-100

Weather Conditions: N NW WINDS 20-40 KNOTS, SEAS TO 6', OVERCAST

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

BIOLOGIC SAMPLES PURSE CRAB, FLOUNDER, HORSESHOE CRAB, SHAMEFACE  
CRAB AND TUNICATES, BLUE CRAB, BAT FISH AND CORYPHAEAN SEA WIG

ABIOLOGIC SAMPLES INCLUDE ROCKS, WOOD, SHELL AND COQUINA ROCK  
LOAD 57 HAD COPIOUS AMOUNTS OF ROCK REMAINING IN 3 OF 4  
BOXES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida  
USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 12 / 7 / 98 - 12 / 13 / 98

Loads: 35 - 60

Range of H<sub>2</sub>O Temperature: Surface 74

Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATION 0-100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES ON THE DREDGE RN WEEKS. DURING THE WEEK THERE WERE SEVERAL BOTTLENOSE DOLPHIN AND ONE LOGGERHEAD SEA TURTLE SPOTTED IN AREA.

MATERIAL SAMPLED THIS WEEK CONSISTED OF A FINE SAND SUBSTRATE. ON 12-11-98, THE CORE ASKED OBSERVERS TO NO LONGER TOSS LARGE COQUINA ROCK BACK INTO HOPPER. IT WILL NOW BE DISPOSED OF BY THROWING OVERBOARD WHEN EN-ROUTE TO THE BARGE DUMP SITE. OTHER ABIOTIC SAMPLES INCLUDE WOOD, TRASH AND SHELL FRAGMENTS. BIOTIC SAMPLES - THE SEA STAR, SAND DOLLAR, NURSE SHARK, BONNETHEAD SHARK, BAT FISH, CLEARNOSE SKATE, FLOUNDER, LIGHTNING WHELK, GIANT HERMIT CRAB, SPECKLED CRAB, PURSE CRAB, SITAMEFACE CRAB, GORGONIAN SEA WHIP AND TUNICATES.

THE CORE INSPECTED THE SCREENING APPARATUS AND FOUND IT TO BE IN GOOD WORKING ORDER. MATERIAL IS RELATIVELY CLEAN OF DEBRI.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
CARETTA CARETTA	<u>1</u>	<u>1</u>	<u>LOGGERHEAD SEA TURTLE SURFACING</u>
TC	<u>1</u>	<u>4</u>	<u>OUTSIDE GREEN BUOY 7 ON 12/09/98</u>
			<u>12-9-98</u>

Observers On Duty: KIM POWELL AND MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 14 / 98 Loads: NA

Area(s) Worked: NA

Weather Conditions: N, NW WINDS TO 40 KNOTS, SEAS TO 6' +, CLOUDY SKYS

Range of H<sub>2</sub>O Temperature: Surface \_\_\_\_\_ Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE DREDGE RN WEEKS WENT TO ANCHOR TODAY DUE TO  
INCLEMENT WEATHER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	<u>Ø</u>	<u>Ø</u>	

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 15 / 198 Loads: 61-63

Area(s) Worked: STATION 0-100

Weather Conditions: NW SHIFTING TO NE WINDS 15-30 KNOTS, SEAS 4-6'

Range of H<sub>2</sub>O Temperature: Surface 72° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: \_\_\_\_\_

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

THE RN WEEKS BEGAN DIGGING AGAIN AT 0700. A SAND SUBSTRATE  
IS STILL BEING DUG WITH SOME LOADS HAVING SOME MUD  
MIXED IN WITH THE SAND. ABIOTIC MATERIALS INCLUDE  
SHELL FRAGMENTS, COQUINA ROCK, WOOD AND TRASH.

BIOTIC SAMPLES INCLUDE STINGRAY, CLEARNOSE RAY, SEA SEA,  
SEA CUCUMBER, LIGHTNING WHELEK, PIN FISH, FLOUNDER, SPECKLED  
CRAB AND PARCHMENT WORM

SEA TEMPERATURES HAVE DROPPED TO 72°F AFTER COLD FRONT  
HAS MOVED IN

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TC</u>	<u>2</u>	<u>1315</u>	<u>BOFTLENOSE DOLPHIN</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 16 / 98 Loads: 64-67

Area(s) Worked: 0-100

Weather Conditions: WINDS N NW 15-20 KNOTS, SEAS 4-5'

Range of H<sub>2</sub>O Temperature: Surface 72° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

RN WEEKS CONTINUES TO DIG SAND WITH SOME LOADS CONTAINING A SMALL PERCENTAGE OF SAND/MUD MIX.

BIOTIC SAMPLES INCLUDE HORSESHOE CRAB, BLUE CRAB, LIGHTNING WHELK, EEL, OCTOPUS, SEA CUCUMBER, MULLET, HAMMERHEAD SHARK AND SHAMEFACE CRAB.

ABIOTIC SAMPLES INCLUDE COQUINA ROCK, SHELL FRAGMENT, WOOD, TRASH  
LOAD 65 CONTAINED COPIOUS AMOUNTS OF ROCK AND SHELL DEBR.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>2</u>	<u>1-3</u>	<u>NEAR RED BUOY 6 &amp; AT END OF CUT</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12/17/98 Loads: 68-71

Area(s) Worked: 0-100

Weather Conditions: PARTLY CLOUDY TO CLEAR SKYS SEAS 4-5'

Range of H<sub>2</sub>O Temperature: Surface 72° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

RN WEEKS CONTINUES TO DIG A SAND SUBSTRATE. ABIOTIC MATERIALS  
INCLUDE ROCK, SHELL FRAGMENTS, WOOD AND TRASH.

BIOITC MATERIALS INCLUDE CLEARNOSE SKATE, HORSESHOE CRAB,  
HAMMERHEAD SHARK, SEA HARE, SPECKLED CRAB, HERMIT CRAB AND  
LIGHTNING WHELK

THE PORT DRAGHEAD WAS DAMAGED DURING LOAD 71 AND WAS  
BROUGHT ON BOARD FOR REPAIRS.

MOST LOADS TODAY HAD VERY LITTLE COQUINA ROCK REMAINING IN  
SCREENING.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	<u>          </u>	<u>1-2</u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 18 / 98 Loads: 72-73

Area(s) Worked: 0-100

Weather Conditions: CLEAR SKYS NW WINDS 10-15 KNOTS, SEAS 4'-5'

Range of H<sub>2</sub>O Temperature: Surface 72 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT DRAGHEAD DOWN FOR REPAIRS

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

RN WEEKS CONTINUES TO DIG A SAND SUBSTRATE. THE DREDGE  
IS USING ONLY THE STARBOARD DRAGHEAD SINCE THE PORT  
DRAGHEAD IS NOT OPERATING.

BIOTIC SAMPLES INCLUDED HORSESHOE CRAB AND LIGHTNING WHELK.

JUST BEFORE MIDNIGHT, THE RN WEEKS HEADED FOR PORT MANATEE  
FOR REPAIRS AND REFUELING.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>	<u>          </u>

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 19 / 98 Loads: 0-100 NA

Area(s) Worked: NA

Weather Conditions: CLEAR TO PARTLY CLOUDY SKYS

Range of H<sub>2</sub>O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes      No X

Comments (type of material being dredged, biological specimens, etc.):     

THE RN WEEKS WAS IN TRANSIT FROM MIDNIGHT TO 1000  
TO PORT MANATEE, TAMPA BAY FOR REPAIRS ON THE  
PORT DRAGHEAD AND REFUELING. REFUELING WILL  
CONTINUE ON THROUGH THE MORNING OF 12/20/98.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NA</u>	<u>    </u>	<u>NA</u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE



ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12/20/98 Loads: 74

Area(s) Worked: STATION 0-100

Weather Conditions: Clear winds W 10 KTS

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth

Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged consisted of sand, some mud, and  
coquina rocks.

Biological specimens consisted of whelks, horseshoe crab,  
and clear nose skate.

No abiotic samples recorded

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>[Signature]</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: Melissa Crabtree

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida

USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 12 / 14 / 98 - 12 / 20 / 98 Loads: 61 - 74

Range of H<sub>2</sub>O Temperature: Surface 72° Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATION 0-100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: \_\_\_\_\_

THE RN WEEKS DID NOT HAVE ANY SITUATIONS INVOLVING  
ENDANGERED SPECIES THIS WEEK. THERE WERE NO  
SIGHTINGS OF SEA TURTLES IN THE AREA THIS WEEK  
AND ONLY A FEW SIGHTINGS OF BOTTLENOSE DOLPHIN (SEE  
SUMMARY BELOW).

THE MATERIAL SAMPLED THIS WEEK CONSISTED OF A FINE SAND  
WITH SOME LOADS CONTAINING A SMALL AMOUNT OF SAND/MUD  
MIXTURE. SEVERAL LOADS HAD LARGE AMOUNTS OF COQUINA ROCK  
REMAINING IN THE SCREENING APPARATUS. THESE LOADS WERE  
REDUCED BY USING A FIREHOSE ON DECK AND THEN MANUALLY  
REMOVE THE REMAINING ROCKS, SHELL FRAGMENTS, WOOD AND TRASH  
(ABIOTIC SAMPLES). BIOTIC SAMPLES INCLUDE HORSESHOE CRABS,  
LIGHTNING WHEELS, CLEARNOSE SKATE, STINGRAYS, SHAMEFACE CRAB, BLUE  
CRAB, HERMIT CRAB, SPECKLED CRAB, STONE CRAB, HAMMER HEAD SHARK,  
FLOUNDER, PIN FISH, TUNICATE, POLYCHAETE WORMS, MORAY EEL, OCTOPUS  
AND SEA HARE.

THE DREDGE WENT TO ANCHOR ON 12-14 DUE TO WEATHER AND WENT TO  
PORT MANATEE 12-20 - 12-21 FOR REPAIRS ON THE PORT DRAGHEAD AND  
REFUELING.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TD</u>	<u>4</u>	<u>1-3</u>	<u>BOTTLENOSE DOLPHIN</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 21 / 98 Loads: 75 - 77  
Area(s) Worked: Station 0 - 100  
Weather Conditions: Clear - Foggy winds calm - 5 KTS  
Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: Good

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged consisted of Sand, silt, & Rock

Biological specimens consisted of whelks, clear nose skate,  
horseshoe crab, Flounder & Sea Star.

Abiotic samples consisted of plastic, rope, & wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>D</u>			

Observer(s) On Duty: Melissa Crabtree & Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 22 / 98 Loads: 78

Area(s) Worked: Station 0-100

Weather Conditions: Clear & calm

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

material dredged consists of rock, silt & sand

Biologicals consisted of whelk, seastar, horseshoe crab

Abiotic material consisted of wood & plastics

Dredge did not dump load - dug + lot excess go out the overflow. This was done because the booster pump was down. Went to anchor at end of load.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>[Signature]</u>			

Observer(s) On Duty: A. Jackson

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

12, 23, 98

Loads: 79-81

A(s) Worked: STATION 0-100

Weather Conditions: Clear, winds calm - 5 KTS seas calm

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth

Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes No ☒

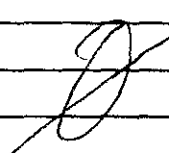
Comments (type of material being dredged, biological specimens, etc.):

Material dredged consists of rock, sand, & silt

Biological specimens consisted of whelk, horse conch, Tulip snail  
Calico Box crab, Giant Red hermit crab, & singing crab

Abiotic samples consisted of wood, plastic, rope, and metal

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
			

Observer(s) On Duty: A. JACKSON & M. CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 24 / Loads: 82-84  
Area(s) Worked: STATION 8-100  
Weather Conditions: Clear winds 0-5 kts seas calm  
Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_  
Condition of all screening apparatus: good

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

Material dredged consists of Rock, sand, and silt.

Biological specimens seen consisted of whelk, horseshoe crab, Giant Red Hermit crab, horse conch

Abiotic samples consisted of wood, plastic, rope, nets, and metal.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>J</u>			

Observer(s) On Duty: A. Jackson & M. Crabtree

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12/25/98 Loads: 85-87

Area(s) Worked: STATION D-100

Weather Conditions: Clear to partly cloudy winds calm - 5 kts

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: wood

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

Material dredged is Rock, sand & silt.

Biological specimens seen were whelk, horse shoe crab, horse conch, flounder, & heart urchin.

Abiotic material was wood, plastic, and rope.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>3</u>	

Observer(s) On Duty: A. Jackson & M. Crabtree

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL.

USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 26 / 98 Loads: 89-90

Area(s) Worked: 0-100

Weather Conditions: RAIN, CLOUDY SKYS, WINDS 10-20 KNOTS

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO DIG A SAND SUBSTRATE. BIOTIC  
SAMPLES INCLUDE HORSE SHOE CRABS AND LIGHTNING WHELKS.  
A BIOTIC MATERIALS INCLUDE ROCKS, WOOD AND TRASH.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: ANDREW JACKSON AND MELISSA CRABTREE



# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL

USACE, Jacksonville District

## DAILY REPORT

Date: 12/27/98

Loads: 91-93

Area(s) Worked: 0-100

Weather Conditions: CLEAR SKYS, WINDS N 10 KNOTS

Range of H<sub>2</sub>O Temperature: Surface 74 Below Mid-Depth 75

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, etc.):

THERE WERE RELATIVELY FEW BIOTIC SAMPLES TODAY - HORSESHOE  
CRABS, LIGHTNING WHELKS. BIOTIC SAMPLES CONSISTED OF  
COQUINA ROCKS, WOOD, AND TRASH.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Observer(s) On Duty: ANDREW JACKSON AND MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida  
USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 12 / 21 / 98 - 12 / 27 / 98 Loads: 75 - 93

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATION 0 - 100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: THE SCREENING APPARATUS ON THE RN WEEKS CONTINUES TO REMAIN IN GOOD FUNCTIONAL ORDER. THE MATERIAL DREDGED THIS WEEK CONSISTED OF MOSTLY SAND WITH SOME MUD. THE LOAD OF COQUINA ROCK REMAINING IN SCREENS WERE HEAVY AT TIMES. OTHER ABIOTIC MATERIALS INCLUDED WOOD, TRASH AND SHELL FRAGMENTS.

BIOTIC SAMPLES INCLUDED CLEARNOSE SKATE, HORSESHOE CRAB, FLOUNDER, SEA STAR, TULIP SNAIL, GIANT RED HERMIT CRAB, CALICO BOX CRAB, STINGRAY, HORSE CONCH AND HEART URCHIN.

THERE WERE ONLY A FEW SIGHTINGS OF BOTTLENOSE DOLPHIN THIS WEEK WITH NO SEA TURTLES SIGHTED

ANDREW JACKSON CAME ON BOARD 12/21/98 TO REPLACE KIM POWELL AS ENDANGERED SPECIES OBSERVER.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>1</u>	<u>3</u>	

Observers On Duty: ANDREW JACKSON AND MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 28 / 98 Loads: 94-96

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR SKYS, NW WINDS 8-10 KNOTS, SEAS 2+'

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO DIG A SAND SUBSTRATE WITH  
SOME MUD. BIOTIC SAMPLES INCLUDE BLUE CRAB, HORSESHOE  
CRABS AND LIGHTNING WHELKS. ABIOTIC MATERIALS INCLUDE  
COQUINA ROCK, WOOD, SHELL FRAGMENTS.

KIM POWELL CAME ON BOARD TO REPLACE ANDREW JACKSON AS  
ENDANGERED SPECIES OBSERVER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>CP</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & MELISSA CRABTREE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 12 / 29 / 98 Loads: 97

Area(s) Worked: 0-100

Weather Conditions: CLEAR SKYS, NW WINDS 10-15 KNOTS, SEAS 2-4'

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS DUG ONE LOAD TODAY WAITING FOR REPAIRS TO  
BE DONE ON THE BARGE AT THE BEACH PUMP OUT SITE.

BIOTIC SAMPLES INCLUDE SHAMEFACE CRAB, HORSESHOE CRAB, ABIOTIC  
MATERIALS INCLUDE COQUINA ROCK, WOOD, TRASH, AND MONOFILAMENT  
LINE.

A SAND BASE MATERIAL WITH VERY LITTLE MUD WAS SAMPLED  
TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + MELISSA CRABTREE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 130 198 Loads: 98-99

Area(s) Worked: STATION 0-100

Weather Conditions: PARTLY CLOUDY SKYS TO CLEAR, NE WINDS 15 KNOTS, SEAS 2-3'

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: GOOD

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS WENT TO ANCHOR PART OF TODAY DUE TO WEATHER.  
TWO LOADS WERE DUG WITH BIOTIC SAMPLES INCLUDING  
CLEAR NOSE RAY (SKATE), SPECKLED CRAB, BAT FISH, TUNICATE, SEA  
CUCUMBER, LIGHTNING WHELK AND HORSESHOE CRAB.

ABIOTIC SAMPLES INCLUDE COQUINA ROCK, WOOD, TRASH AND  
SHELL FRAGMENTS.

MELISSA CRABTREE WAS REPLACED TODAY BY TIM O'TOOLE AS  
ENDANGERED SPECIES OBSERVER.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL, MELISSA CRABTREE, TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

## DAILY REPORT

Date: 12 / 31 / 98 Loads: 100 - 102

Area(s) Worked: STATIONS 0-100

Weather Conditions: CLEAR SKYS, NEWIND TO 20 KNOTS, SEAS 2-4'

Range of H<sub>2</sub>O Temperature: Surface 74° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: \* SEE NOTE

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO SAMPLE A FINE SAND WITH  
RELATIVELY FEW ROCKS AND DEBRI REMAINING IN SCREENING.  
BIOTIC SAMPLES WERE FEW - BATFISH, COWNOSE RAY,  
LIGHTNING WHELK AND SHAMEFACE BOX CRAB.

\* AFTER LOAD 102, IT WAS APPARENT THAT THE STARBOARD TURTLE  
DEFLECTOR SUSTAINED DAMAGE. MORE DETAILS WILL BE GIVEN  
AFTER <sup>DAYLIGHT</sup> INSPECTION ON 1/1/99. IT APPEARS THAT A LARGE PIN ON  
THE SEAWARD SIDE OF THE DEFLECTOR HAS BEEN LOST AND THE  
SIDES OF THE DEFLECTOR ARE BENT INWARD.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>921</u>	<u>AT PUMP OUT SITE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

## DAILY REPORT

Date: 1.1.1.199 Loads: 103

Area(s) Worked: STATIONS 0-100

Weather Conditions: PARTLY CLOUDY SKYS, NNE WINDS 5-10 KNOTS, SEAS 2'

Range of H<sub>2</sub>O Temperature: Surface 70 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: \* SEE NOTE

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

\* THE RN WEEKS DUG ONE LOAD TODAY USING THE PORT DRAGHEAD WITH THE STARBOARD DRAGHEAD ON BOARD ALL DAY TO BEGIN REPAIRING THE DEFLECTOR THAT WAS DAMAGED ON 12/31/98. SOME WELDING HAS BEEN DONE ON THE DEFLECTOR, BUT IT IS NOT YET OPERABLE. ADDITIONAL DOWN TIME OCCURED AS REPAIRS WERE MADE ON THE PIPING THAT FEEDS MATERIAL ONTO THE BEACH SITE. A SECTION OF PIPE WAS REPLACED ON THE BEACH.

BIOLOGIC SAMPLES IN LOAD 103 INCLUDED LIGHTNING WHELKS, GIANT HERMIT CRAB AND SPECKLED CRAB.

\*\* ON 12/30/98 A GAP ON THE INSIDE JOINT OF THE PORT DRAGHEAD WHERE THE DRAGHEAD JOINS THE DEFLECTOR WAS BLOCKED BY THE WELDER, THIS IMPROVEMENT IS THOUGHT TO LESSEN THE POSSIBILITY OF A TURTLE GETTING STUCK IN THE GAP.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TT</u>	<u>2</u>	<u>1</u>	<u>INSIDE + OUTSIDE BODY 6</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 2 / 99 Loads: 104-105

Area(s) Worked: 0-100

Weather Conditions: PARTLY CLOUDY SKYS, - RAIN STORMS, NNE TO SSW 10-50 KNOTS, SEAS 1-4'

Range of H<sub>2</sub>O Temperature: Surface 68° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: \* SEE NOTE

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS WENT TO ANCHOR AT 1315 DUE TO INCLEMENT WEATHER APPROACHING. THE PUMP OUT BARGE MOVED ON THE LEE SIDE OF GASPARILLA ISLAND TO WAIT OUT STORM.

\* THE STARBOARD DRAGHEAD AND DEFLECTOR REMOVED AND PUT ONTO BARGE TO WORK ON REPAIRS TO THE DEFLECTOR.

BIOTIC SAMPLES INCLUDED PURPLE SEA URCHIN, CLEARNOSE SKATE, LIGHTNING WHELK, HORSESHOE CRABS, AND SAND DOLLARS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>1</u>	<u>3</u>	<u>NEAR PUMP OUT SITE</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL AND TIM O'TOOLE



ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 3 / 98 Loads: NA

Area(s) Worked: NA

Weather Conditions: CLOUDY SKYS, S, SW WINDS 15-40 KNOTS, SEAS 4-5'

Range of H<sub>2</sub>O Temperature: Surface 68 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS REMAINED ON ANCHOR TODAY DUE TO  
ROUGH SEAS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida  
USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 12 / 28 / 98 - 1 / 3 / 99

Loads: 94 - 106

Range of H<sub>2</sub>O Temperature: Surface 68-70

Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATION 0-100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_

No X

Comments:

THE RN WEEKS CONTINUES TO DIG A SAND SUBSTRATE WITH SOME MUD BUT RELATIVELY CLEAN. AFTER LOAD 102, IT WAS NOTICED BY THE CREW THAT THE STARBOARD TURTLE DEFLECTOR HAD BEEN DAMAGED. WELDING REPAIRS WERE DONE ON THE DEFLECTOR ON 1/1/98 AND IT WAS THEN REMOVED ALONG WITH THE DRAG HEAD ON 1/2/98. LOADS 103-106 WERE DUG USING THE PORT DRAG HEAD ONLY. AFTER LOAD 106 WAS DUG, THE RN WEEKS WENT TO ANCHOR AND HAS REMAINED THERE THROUGH THE END OF THE WEEK.

ADDITIONAL REPAIRS WERE MADE ON THE PORT TURTLE DEFLECTOR ON 12/30/98. A GAP ON THE INSIDE JOINT OF THE PORT DRAG HEAD WHERE IT JOINS WITH THE DEFLECTOR WAS BLOCKED BY WELDING A PLUG INTO THE HOLE. THIS WORK WILL HOPEFULLY REDUCE THE CHANCE OF TRAPPING A TURTLE IN THIS GAP.

ON 12-28-98 KIM POWELL REPLACED ANDREW JACKSON AND MELISSA CRABTREE WAS REPLACED BY TIM O'TOOLE ON 12/30/98.

BIOTIC SAMPLES: HORSESHOE CRABS, SPECKLED SEA CRAB, LIGHTNING WHEELS, GIANT HERMIT CRABS, CLEARNOSE SKATE, SAND DOLLARS, BATFISH, & TUNICATES.

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>It</u>	<u>4</u>	<u>1-3</u>	<u>BOTTLENOSE DOLPHINS</u>

Observers On Duty: KIM POWELL, MELISSA CRABTREE, TIM O'TOOLE, ANDREW JACKSON

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 1 14 198 Loads: NA

Area(s) Worked: NA

Weather Conditions: CLOUDY SKYS, N NW WINDS 20-30 KNOTS, SEAS 4-5'

Range of H<sub>2</sub>O Temperature: Surface NA Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: NA

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS REMAINED ON ANCHOR TODAY UNTIL 2000  
WHEN THE PUMPOUT BARGE WAS IN PLACE AND LOAD 105  
WAS PUMPED OFF.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	<u>F</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 1 15 199 Loads: 107

Area(s) Worked: N/A

Weather Conditions: PARTLY CLOUDY + COLD, VARIABLE WINDS TO 35 KNOTS

Range of H<sub>2</sub>O Temperature: Surface \_\_\_\_\_ Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: STARBOARD DRAGHEAD + TURTLE  
DEFLECTOR REMAINS DOWN FOR REPAIRS

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS REMAINED AT THE BARGE TODAY AFTER  
DIGGING A PARTIAL LOAD (107) DUE TO ROUGH SEAS.  
ONLY THE PORT DRAGHEAD WAS USED. SAMPLES WERE  
SMALL - ROCK, SHELL FRAGMENTS AND TRASH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 6 / 99 Loads: 108 - 110

Area(s) Worked: 0-100

Weather Conditions: CLEAR NNE-NW WIND 10-20 KNOTS, SEAS 2-3'

Range of H<sub>2</sub>O Temperature: Surface 62° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT-FINE; STARBOARD DOWN FOR REPAIRS

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS BEGAN DIGGING LOAD 108 TODAY AT 1001. BIOTIC  
SAMPLES INCLUDED LIGHTNING WHELK, HORSESHOE CRAB, PARCHMENT  
WORMS, SARGASSUM WEED, RED ALGAE, STONE CRAB. ABIOTIC SAMPLES  
WERE LIGHT BUT INCLUDED ROCK, WOOD AND TRASH.

MATERIAL DUG IS A FINE SAND WITH VERY LITTLE MUD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	_____	<u>✓</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL & TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 7 / 98 Loads: 111 - 115

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR SKYS, <sup>NW</sup> WINDS 5-15 KNOTS, SEAS 2'

Range of H<sub>2</sub>O Temperature: Surface 62 Below Mid-Depth

Condition of all screening apparatus: PORT - FINE; STARBOARD - DOWN FOR REPAIRS

Are there incidents involving endangered or protected species? Yes  No X

Comments (type of material being dredged, biological specimens, etc.):

THE RN WEEKS SAMPLED A FINE SAND TODAY WITH VERY  
LITTLE ROCK AND OTHER DEBRI. BIONIC SAMPLES INCLUDED  
CLEARNOSE SKATE, HORSESHOE CRAB, SEA CUCUMBER, LIGHTNING WHEEL,  
HORSE CONCH, GIANT HERMIT CRAB AND RUBBERY BRYOZOAN.

THERE WERE NO SIGHTINGS OF ENDANGERED SPECIES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Ø</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 8 / 98 Loads: 116 - 118

Area(s) Worked: STATION 0-100

Weather Conditions: PARTLY CLOUDY SKIES, WIND AND SEAS CALM

Range of H<sub>2</sub>O Temperature: Surface \_\_\_\_\_ Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT - GOOD; STARBOARD - DOWN FOR REPAIRS

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

MATERIAL REMAINING IN THE SCREENING APPARATUS TODAY  
WAS RELATIVELY SMALL. ABIOTIC MATERIALS INCLUDED  
WOOD, ROCK, TRASH (WIRE, ROPE, RUBBER, PLASTIC) BIOTIC  
SAMPLES INCLUDED LIGHTNING WITELKS, SPIDER CRABS, HORSE  
CONCH, SPONGE, AND HORSESHOE CRABS.

THERE WERE SEVERAL SIGHTINGS OF BOTTLENOSE DOLPHINS TODAY,  
PODS OF 6-8 ANIMALS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>4-6</u>	<u>2-8</u>	<u>BOTTLENOSE FEEDING INSIDE + OUTSIDE</u>
<u>1</u>	<u>      </u>	<u>      </u>	<u>OF DIGGING CHANNEL SITE - (GBUOY 7;</u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>R BUOY 8, GREEN BUOY 3)</u>
<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 9 / 99 Loads: 119 - 122

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR TO CLOUDY/RAIN, SEAS CALM TO S, NW WIND TO 40 KNOTS

Range of H<sub>2</sub>O Temperature: Surface 67 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT-GOOD; STARBOARD - DOWN

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEK DUG A FINE SAND TODAY WITH SAMPLES REMAINING  
SMALL. BIOTIC SAMPLES INCLUDED LIGHTNING WHELK, SPECKLED  
CRABS, SPIDER CRABS. ABIOTIC MATERIALS INCLUDED WOOD, TRASH  
AND ROCK.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>1</u>	<u>OUTSIDE CHANNEL</u>

Observer(s) On Duty: KIM POWELL & TIM O'TOOLE



ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 10 / 99 Loads: 123-125

Area(s) Worked: STATION 0-100

Weather Conditions: PARTLY CLOUDY SKIES, NNW WINDS 5-25 KNOTS, SEAS CALM TO 5'

Range of H<sub>2</sub>O Temperature: Surface 62° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT-GOOD; STARBOARD - DOWN

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS CONTINUES TO DIG A FINE SAMPLE WITH THE PRESENCE OF MORE ROCK REMAINING IN THE SCREENING APPARATUS THAN PREVIOUS DAYS. BIOTIC SAMPLES INCLUDED CLEARNOSE SKATE, LIGHTNING WHELK, HORSESHOE CRAB, SPECKLED CRAB AND SHAMEFACE BOX CRAB.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>3-5</u>	<u>AT 0624 OUTSIDE CHANNEL</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida

USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 1 / 4 / 99 - 1 / 10 / 99

Loads: 107 - 125

Range of H<sub>2</sub>O Temperature: Surface 62°

Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATION 0-100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments:

THE RN WEEKS BEGAN THE WEEK ON ANCHOR DUE TO ROUGH SEAS  
A PARTIAL LOAD WAS DUG ON 1/5/99 AND BY 1/6/99 ROUND  
THE CLOCK DIGGING CONTINUED. THE STARBOARD DRAGHEAD AND  
TURBIDE DEFLECTOR REMAINED INOPERABLE THROUGHOUT THE WEEK.  
ONLY THE PORT DRAGHEAD WAS USED THIS WEEK.

BIOTIC SAMPLES INCLUDED STONE CRAB, SPECKLED CRAB, SITAMEFACE  
BOX CRAB, HERMIT CRAB, PARCHMENT WORMS, SEA CUCUMBER,  
LIGHTNING WHELK, HORSE CONCH, RUBBERY BRYOZOAN, SPONGE,  
SPIDER CRAB, CLEARNOSE SKATE AND SARGASSUM WEED.

MATERIAL SAMPLED WAS A FINE SAND WITH SOME MUD (VERY  
SMALL AMOUNTS). ABIOTIC SAMPLES REMAINING IN SCREENING  
INCLUDED WOOD, SHELL FRAGMENTS, ROCK AND TRASH.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>7-8</u>	<u>1-8</u>	<u>SEEN INSIDE &amp; OUTSIDE CHANNEL</u> <u>WHEN SEAS WERE CALM</u>

Observers On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

DAILY REPORT

Date: 1 11 198 Loads: 126 - 130

Area(s) Worked: 0-100

Weather Conditions: PARTLY CLOUDY TO CLEAR SKIES, NNE WINDS TO 25 KNOTS, SEAS TO 4'

Range of H<sub>2</sub>O Temperature: Surface 60 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT - FINE; STARBOARD - DOWN

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.):

BIOLOGICAL SAMPLES INCLUDED HORSESHOE CRAB, SPECKLED CRAB, SPIDER CRAB, BLUE CRAB AND LIGHTNING WHELK. ROCKS REMAINING IN SCREENING TODAY WERE A LITTLE BIT HEAVIER THAN PREVIOUS DAYS.

MATERIAL CONTINUES TO BE A SAND SUBSTRATE WITH VERY LITTLE SILT.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>1</u>	<u>EAST END OF CHANNEL</u>

Observer(s) On Duty: KIM POWELL & TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, FL.  
USACE, Jacksonville District

## DAILY REPORT

Date: 1 / 12 / 98 Loads: 131-133

Area(s) Worked: STATION 0-100

Weather Conditions: CLEAR SKIES, NNE WINDS 5-10 KNOTS, SEAS - 1-2'

Range of H<sub>2</sub>O Temperature: Surface 60° Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT - FINE; STARBOARD - DOWN

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

THE RN WEEKS DUG A MATERIAL OF SAND WITH VERY LITTLE SILT TODAY. REMAINING IN THE SCREENS WERE AVERAGE AMOUNTS OF ROCK, WOOD AND TRASH. BIOTIC SAMPLES INCLUDED LIGHTNING WHELK, STINGRAY, GIANT HERMIT CRAB, SPECKLED CRAB AND BLUE CRAB.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TE</u>	<u>2</u>	<u>2</u>	<u>INSIDE + OUTSIDE BOOY/CHANNEL</u>

Observer(s) On Duty: KIM POWELL + TIM O'TOOLE

ENDANGERED SPECIES OBSERVER PROGRAM  
Dredge RN Weeks, Charlotte Harbor, FL  
USACE, Jacksonville District

DAILY REPORT

Date: 1 / 13 / 99 Loads: 134 - 135

Area(s) Worked: 0-100

Weather Conditions: CLEAR SKIES, WINDS & SEAS CALM

Range of H<sub>2</sub>O Temperature: Surface 60 Below Mid-Depth \_\_\_\_\_

Condition of all screening apparatus: PORT-FINE; STARBOARD - NA

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments (type of material being dredged, biological specimens, etc.): \_\_\_\_\_

ALL FOUR BOXES WITH SCREENING WERE CHECKED TODAY TO DETERMINE REPAIRS NEEDED. THE SCREENING APPARATUS LOOKS GOOD WITH THE EXCEPTION OF A FEW SMALL HOLES IN THE PORT AFT TURTLE BOX (SEE DETAILS IN WEEKLY SUMMARY)

BIOTIC SAMPLES TODAY INCLUDED HORSESHOE CRAB, LIGHTNING WHELK, TUNICATE, SPIDER CRAB AND RUBBERY BRYOZOAN.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>X</u>			

Observer(s) On Duty: KIM POWELL & TIM O'TOOLE

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN Weeks, Charlotte Harbor, Florida  
USACE, Jacksonville District

## WEEKLY SUMMARY

Dates: 1 / 11 / 99 - 1 / 13 / 99

Loads: 126 - 134

Range of H<sub>2</sub>O Temperature: Surface 60 Below Mid-Depth \_\_\_\_\_

Area(s) Worked: STATIONS 0-100

Are there incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

Comments: THE RN WEEKS COMPLETED DIGGING THE CHARLOTTE  
HARBOR CHANNEL PROJECT ON 1/13/99 AT 0640.

THE SCREENING APPARATUS THAT REMAINS FUNCTIONAL LEAVES THE  
JOB WITH FEW REPAIRS NEEDED. TWO SMALL HOLES (LESS THAN  
FOUR INCH DIAMETER) HAVE DEVELOPED FROM CONTINUOUS  
ROCK IMPACT ON THE AFT PORTSIDE TURBINE BOX. THE CREW IS  
AWARE OF THIS EASY WELDING REPAIR. THE SCREENING ITSELF  
APPEARS GOOD IN ALL FOUR BOXES AND THE OVERFLOW SCREENING  
APPEARS FUNCTIONAL.

KIM POWELL WILL NOT BE JOINING THE RN WEEKS IN  
FERNANDINA HOWEVER TIM O'TOOLE WILL BE ON  
BOARD AS AN ENDANGERED SPECIES OBSERVER.

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: KIM POWELL + TIM O'TOOLE